

**What is claimed is:**

- 1           1.    A direct backlight module comprising:  
2           a diffuser;  
3           a reflecting plate connected to the diffuser and forming  
4           a chamber therebetween;  
5           a plurality of light sources disposed in the chamber; and  
6           at least one transparent support disposed in the chamber  
7           to support the diffuser and the reflecting plate.
- 1           2.    The direct backlight module as claimed in claim 1,  
2           wherein the at least one transparent support includes a  
3           retaining portion and a supporting plate connected to each other  
4           and disposed between the diffuser and the reflecting plate.
- 1           3.    The direct backlight module as claimed in claim 2,  
2           wherein the supporting plate contacts the diffuser and the  
3           retaining portion connects the reflecting plate.
- 1           4.    The direct backlight module as claimed in claim 2,  
2           wherein the retaining portion and the supporting plate are  
3           integrally formed.
- 1           5.    The direct backlight module as claimed in claim 4,  
2           wherein the at least one transparent support is manufactured by  
3           injection molding.
- 1           6.    The direct backlight module as claimed in claim 1,  
2           wherein the supporting plate is a hollow frame.
- 1           7.    The direct backlight module as claimed in claim 1,  
2           wherein the plurality of light sources are lamps.

1           8.    The direct backlight module as claimed in claim 1,  
2    wherein the at least one transparent support comprises a  
3    plurality of supporting units.

1           9.    The direct backlight module as claimed in claim 8,  
2    wherein the plurality of supporting units in the chamber are  
3    arranged in array.

1           10.   The direct backlight module as claimed in claim 8,  
2    wherein the plurality of supporting units in the chamber are  
3    arranged in concentric circles.

1           11.   The direct backlight module as claimed in claim 8,  
2    wherein the plurality of supporting units in the chamber are  
3    arranged in random.

1           12.   The direct backlight module as claimed in claim 8,  
2    wherein each supporting unit has a retaining portion connected  
3    to a supporting plate and is disposed between the diffuser and  
4    the reflecting plate.

1           13.   The direct backlight module as claimed in claim 12,  
2    wherein the supporting plate contacts the diffuser and the  
3    retaining portion connects the reflecting plate.

1           14.   The direct backlight module as claimed in claim 12,  
2    wherein the retaining portion and the supporting plate are  
3    integrally formed.

1           15.   The direct backlight module as claimed in claim 14,  
2    wherein the at least one transparent support is manufactured by  
3    injection molding.

1           16. The direct backlight module as claimed in claim 8,  
2 wherein the plurality of supporting units are hollow frames.

3           17. The direct backlight module as claimed in claim 1,  
4 wherein the at least one transparent support comprises a  
5 diffusion material.

1           18. The direct backlight module as claimed in claim 1,  
2 further comprising a diffusion material coated on the at least  
3 one transparent support.